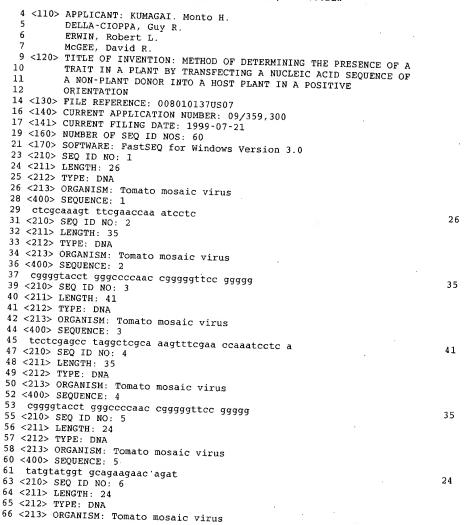
RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/359,300

DATE: 10/19/2000 TIME: 12:02:21

Input Set : A:\PTO.txt

Output Set: N:\CRF3\10192000\I359300.raw





RAW SEQUENCE LISTINGPATERT APPLICATION: US/09/359,300

DATE: 10/19/2000

TIME: 12:02:21

Input Set : A:\PTO.txt

Output Set: N:\CRF3\10192000\I359300.raw

```
68 <400> SEQUENCE: 6
                                                                             . 24
69 agtegactet teetettetg geat
71 <210> SEQ ID NO: 7
72 <211> LENGTH: 30
73 <212> TYPE: DNA
74 <213> ORGANISM: Tomato mosaic virus
76 <400> SEQUENCE: 7
77 tgctcgagtg tgttcttcag ttttctgtca
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80 <211> LENGTH: 30
81 <212> TYPE: DNA
82 <213> ORGANISM: Tomato mosaic virus
84 <400> SEQUENCE: 8
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87 <210> SEQ ID NO: 9
88 <211> LENGTH: 114
89 <212> TYPE: DNA
90 <213> ORGANISM: Tomato mosaic virus
92 <220> FEATURE:
93 <221> NAME/KEY: CDS
94 <222> LOCATION: (28)...(114)
96 <400> SEQUENCE: 9
97 gttttaaata cgctcgaggt tttaaat atg tct gtt gcc ttg tta tgg gtt gtt
98
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99
                                    1
101 tct cct tgt gac gtc tca aat ggg aca agt ttc atg gaa tca gtc cgg
                                                                              102
102 Ser Pro Cys Asp Val Ser Asn Gly Thr Ser Phe Met Glu Ser Val Arg
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105 gag gga aac cgt
106 Glu Gly Asn Arg
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111 <211> LENGTH: 29
112 <212> TYPE: PRT
113 <213> ORGANISM: Tomato mosaic virus
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117 1
                      5
                                           10
118 Gly Thr Ser Phe Met Glu Ser Val Arg Glu Gly Asn Arg
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121 <210> SEQ ID NO: 11
122 <211> LENGTH: 39
123 <212> TYPE: DNA
124 <213> ORGANISM: Nicotiana benthamiana
126 <400> SEQUENCE: 11
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130 <211> LENGTH: 36
131 <212> TYPE: DNA
132 <213> ORGANISM: Nicotiana benthamiana
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DATE: 10/19/2000 TIME: 12:02:21 RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/359,300

Input Set : A:\PTO.txt
Output Set: N:\CRF3\10192000\1359300.raw

134	<400> SEQUENCE: 12	2.5			
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139	<212> TYPE: DNA				
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147	gttttaaata egetegagtg eage atg gaa ace ett eta aag eet tit eea	51			
148	Met Glu Thr Leu Leu Lys Pro Phe Pro				
149	1 5				
151	tot cot tha cit too att cot act cot aac atg tat agt the aaa cac	99			
152					
153					
155		111			
156					
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167					
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177		44			
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	<211> LENGTH: 43				
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	<213> ORGANISM: Erwinia herbicola				
	<400> SEQUENCE: 16				
185		43			
	5 aagatetete gagetaaaeg ggaegetgee aaagaeegge ege 7 <210> SEO ID NO: 17				
	<211> LENGTH: 23				
	<212> TYPE: DNA				
	213> ORGANISM: Tobacco mild green mosaic virus				
	2 <400> SEQUENCE: 17				
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	<211> SEQ 1D NO: 16 <211> LENGTH: 36				
	<211> DENGTH: 36 <212> TYPE: DNA				
	<pre><212> TIPE: DNA <213> ORGANISM: Tobacco mild green mosaic virus</pre>				
130	72137 ORGENITARE. TODGCCO MITTO GICCH MODULE VITUS				

DATE: 10/19/2000 TIME: 12:02:21 RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/359,300

Input Set : A:\PTO.txt
Output Set: N:\CRF3\10192000\1359300.raw

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	<400> SEQUENCE: 19	
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	<213> ORGANISM: Ribgrass mosaic virus	
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	<212> TYPE: DNA	
	<213> ORGANISM: N. tabacum	
	<220> FEATURE:	
	<221> NAME/KEY: CDS	
	<222> LOCATION: (21)(107)	
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230	Met Ala Ser Ser Val Leu Ser Ser Ala Ala Val	
231	1 5 10	2.02
233	gec acc ege age aat gtt get caa get aac atg gtt gea eet tte act	101
234	Ala Thr Arg Ser Asn Val Ala Gln Ala Asn Met Val Ala Pro Phe Thr	
235	15 20 25	100
237	ggc ctt	107
238	Gly Leu	
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	<211> LENGTH: 29	
	<212> TYPE: PRT	
	<213> ORGANISM: N. tabacum	
	<400> SEQUENCE: 22	
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249	1 5 10 15	
250	Val Ala Gln Ala Asn Met Val Ala Pro Phe Thr Gly Leu	
251	20 25	
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	<213> ORGANISM: Tobacco mild green mosaic virus	
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261		180
262	ctttgacgag attaaagact gtctctatta gtactaagga tgttatatct gttaaggagt	240
263	ctgagtccet gtgtgatatt gatttgttag tgaatgtgcc attagataag tataggtatg	300
203	clyayiccoc giglyacate gatelyclay lyaalycyco accagalaay latayycaly	500

RAW SEQUENCE LISTING PATENT APPLICATION: US/09/359,300

DATE: 10/19/2000 TIME: 12:02:21

Input Set : A:\PTO.txt
Output Set: N:\CRF3\10192000\I359300.raw

			++ 	ant good got	acconditte	gttaaaggtg	360	
264	tgggtgtttt gg	ggtgttgtt	tteaceggtg	ttassastta	decadactec	ataattggta	420	
265	gggtaacagt ga	agcgtgatt	gacaaacggc	tegadatic	actacttcca	aattacttco	480	
266	tatecattge g	gctgtaaag	gacagaaggt	gagagatta	tatacaaatt	caaaatctga	540	
267	agategaage to	gatgccaag	cgaaaaccgc	tagaggteet	ttctattacc	atggttacta	600	
268	agategaage to	ggatggcaa	ttaaaaaaaa	agaggtggt	agtgaatgat	ccgaacgtcg	660	
269	ataacgtggt to	gttaaaggt	cigagggaaa	tagattaggt	tactacatto	aaggcgattg	720	
270	acagtttcga ac	ggtgtggtt	gacgattte	cedarreade	totaaataat	aataagtata	780	
271	gatatagacc g	aagaaaaag	addadyatty	attoottaca	atataaagaa	gaaaatggtt	840	
272	tacaacatca c	gagagatac	geeggteetg	tatttaggagag	castatagac	agagcccaca	900	
273	gegatgetta a	gagetegaa	teagraceag	taccicgcag	atcaaactca	ggcggcaaga	960	
274	gcgatgctta ac gatactgtta g	ccagtgcgt	gtetgegtty	etacataga	ttataacacc	gaaccagcgg	1020	
275	gatactgtta ga tttccagaaa ca	acagcagtt	ctctaacctt	cigagigoga	ttotaaaacc	gttgtacgag	1080	
276	tetecagaaa ca teteteatga a	aggataccg	ggtgtatatt	aactcagcag	aaactgaaga	agagtcgcgt	1140	
277	tototoatga a	gteetttga	tactagaaat	aggattatta	ataatacaac	cataaccatc	1200	
278	ccatcggctt c	cgaagtatc	taatgcaaca	caacgigiig	acquirectet	gatgaccacc	1260	
279	aggagtcaaa t	tcagctttt	getgaacgag	eteteeaacg	otacatagge	ataatacaca	1320	
280	gcagagttcg a	ggttttatt	accttgggct	actgegeeag	clacatagge	caatataatt	1380	
281	cgatagtgca t	agtgttttt	CtCtccactt	aaatcgaaga	ttaatttaa	atoragaect	1440	
282	ccgcaagggt g	gcgtaaacc	aaattacgca	atgttttagg	attagaetaa	accyaaacce	1500	
283	gttatttcct g	gatcacctg	ttaacgtacg	cgtggcgtat	actacagigg	gaataactaa	1543	
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	<212> TYPE: D							
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310	aacattgcag g	ctgccgcag	ggcgcaacag	cctggtgaat	gatttageet	ttattacta	240	
311	ttatgacaat g	ctgtcgagg	agctaaatgc	acgeregaga	egecetaagg	gagtttgage	300	
312	caaatcagtg t	ctacggaac	atgacgctgt	tagcttcaaa	cycttatccg	yayıııyaya	360	
313	tttcctttac t	catacccaa	catgccgtac	actecettge	gggtggccta	atoggtagta	420	
314	agttagagta t	ctcatgatg	caagttccgt	teggttetet	yacglacgac	accygrygra	480	
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/359,300

DATE: 10/19/2000 TIME: 12:02:22

Input Set : A:\PTO.txt
Output Set: N:\CRF3\10192000\1359300.raw